

ABSTRACT**CONDUCTIVE GASKET INCLUDING INTERNAL CONTACT-ENHANCING STRIP**

5 A novel conductive gasket including an internal contact-enhancing strip provides improved contact performance in electromagnetic interference prevention and other applications. A metal mesh or conductive plastic covers a substantially rigid internal strip that includes protrusions that either bend or
10 penetrate the gasket cover in order to enhance contact with another conductive surface. The cover may include holes aligned with the protrusions so that the protrusions pass through the holes when the gasket is compressed, or the protrusions may penetrate a mesh or plastic cover. An internal foam piece may be
15 provided behind the internal strip to restore the shape of the when compressive force is removed and a second internal foam piece may be provided between the strip and the cover for maintaining the shape of the gasket. The protrusions on the internal strip may range from needle-shaped protrusions for
20 puncturing a coating to relatively smooth bumps for bending the surface of the cover when the gasket is compressed.